

CLAIMS

1. A magnetic field generator for MRI comprising:

5 a generator main body including a pair of plate yokes opposed to each other with space in between, a magnet disposed in each of opposed surfaces of said pair of plate yokes, and a column yoke for magnetically connecting said plate yokes; and

a member, made of a non-magnetic material, for covering the whole generator main body.

10

2. A magnetic field generator for MRI comprising:

a generator main body including a pair of plate yokes opposed to each other with space in between, a magnet disposed in each of the opposed surfaces of the pair of plate yokes, and a column
15 yoke for magnetically connecting the plate yokes; and

a member, made of a non-magnetic material, for covering a top and a side of said generator main body or a side of said generator main body or a bottom and a side of said generator main body.

20

3. The magnetic field generator according to claim 1 or 2, said covering member is made of a mesh of stainless steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics.

25

4. The magnetic field generator according to claim 1 or 2, at least a portion of said covering member, which covers an opening portion of said generator main body, includes a mesh of stainless steel, aluminum, copper, nylon, cotton, hemp, flax,
30 rubber or plastics.

5. The magnetic field generator according to claim 1 or 2,

said covering member is made of a closely woven fabric of stainless steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics.

5 6. The magnetic field generator according to claim 5, at least a portion of said covering member, which covers an opening portion of said generator main body, includes a mesh of stainless steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics.

10

7. The magnetic field generator according to claim 1 or 2, at least a portion of said covering member, which covers an opening portion of said generator main body, includes a mesh of stainless steel, aluminum, copper, nylon, cotton, hemp, flax,
15 rubber or plastics, and other portion of said covering member is made of a closely woven fabric of stainless steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics.

8. The magnetic field generator according to any one of
20 claims 1 to 7, further comprising a member for fastening said covering member to said generator main body.

9. The magnetic field generator according to claim 8, said fastening member includes a string or a rope made of stainless
25 steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics.

10. The magnetic field generator according to claim 8 or 9, said fastening member is provided on one side of said pair
30 of plate yokes.

11. The magnetic field generator according to claim 8 or

9, said fastening member is provided so as to pass around said covering member.

12. The magnetic field generator according to any one of
5 claims 8 to 11, said fastening member is removable after said magnetic field generator is transported to a destination thereof.

13. The magnetic field generator according to claim 1 or
10 2, said covering member is removable after said magnetic field generator is transported to a destination thereof.

14. A method of covering a magnetic field generator for MRI,
having a generator main body including a pair of plate yokes
15 opposed to each other with space in between, a magnet disposed in each of opposed surfaces of said pair of plate yokes, and a column yoke for magnetically connecting said plate yokes, comprising steps of:

covering the whole generator main body by means of a member
20 made of a non-magnetic material; and
fastening said member to said generator main body.

15. A method of covering a magnetic field generator for MRI,
having a generator main body including a pair of plate yokes
25 opposed to each other with space in between, a magnet disposed in each of opposed surfaces of said pair of plate yokes, and a column yoke for magnetically connecting said plate yokes, comprising steps of:

covering a top and a side of said generator main body or
30 a side of said generator main body or a bottom and a side of said generator main body by means of a member made of a non-magnetic material; and

fastening said member to said generator main body.

16. The method according to claim 14 or 15, at least a portion of said member, which covers an opening portion of said generator main body, includes a mesh of stainless steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics.

17. The method according to claim 14 or 15, said member is made of a closely woven fabric of stainless steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics.

18. The method according to claim 14 or 15, at least a portion of said member, which covers an opening portion of said generator main body, includes a mesh of stainless steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics, and other portion of said covering member is made of a closely woven fabric of stainless steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics.

20

19. The method according to any one of claims 14 to 18, said fastening step includes a step of fastening said member to said generator main body using a string or a rope made of stainless steel, aluminum, copper, nylon, cotton, hemp, flax, rubber or plastics.

25

20. The method according to claim 19, said member for covering said generator main body and said string or rope are removable after said magnetic field generator is transported to a destination thereof.

30